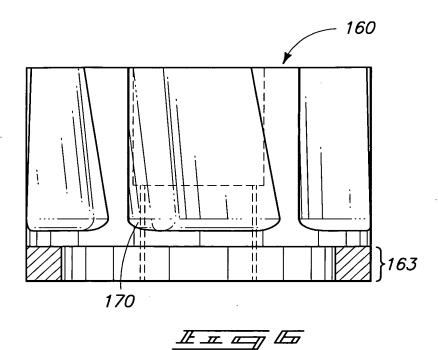
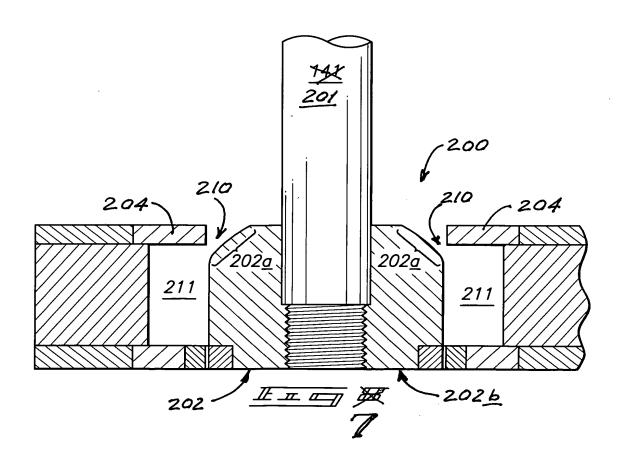
APPENDIX

- 1. Annotated Sheets Showing Changes Pages 1 through 8 (Figures 1-15).
- 2. Replacement Sheets Pages 1 through 8 (Figures 1-14).
- 3. Information Disclosure Statement document filed 10/26/05.
- 4. Preliminary Amendment and Information Disclosure Statement documents filed 1/2/04.

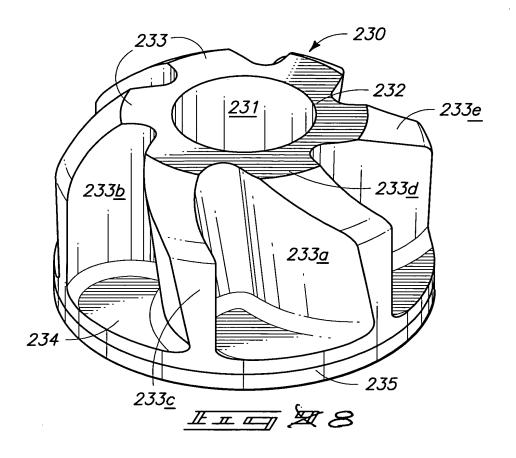


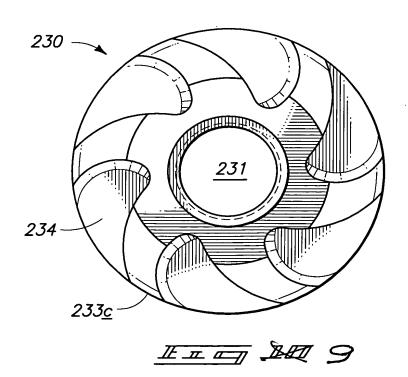






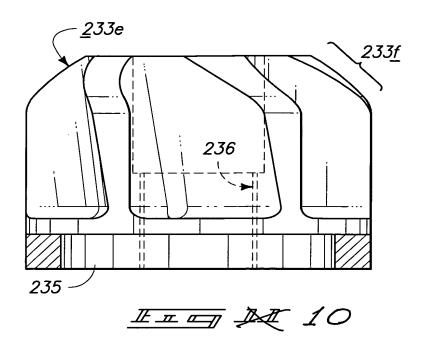
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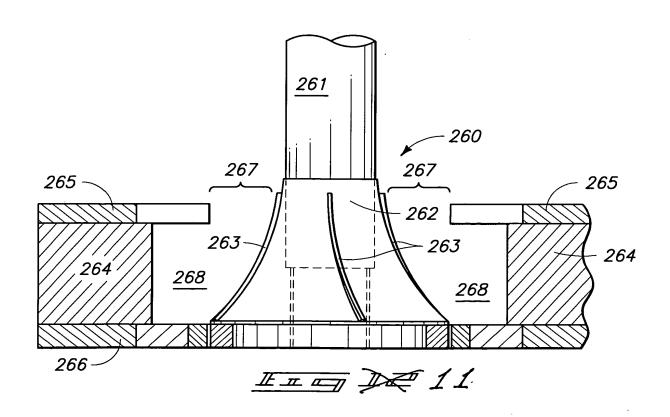






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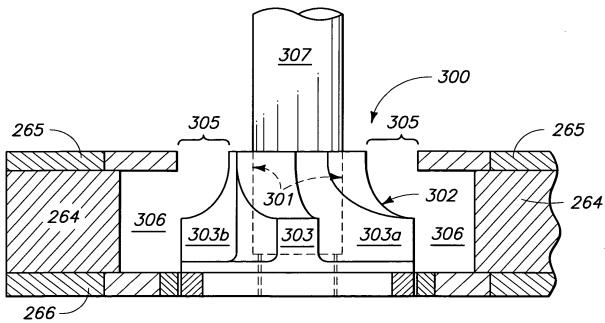


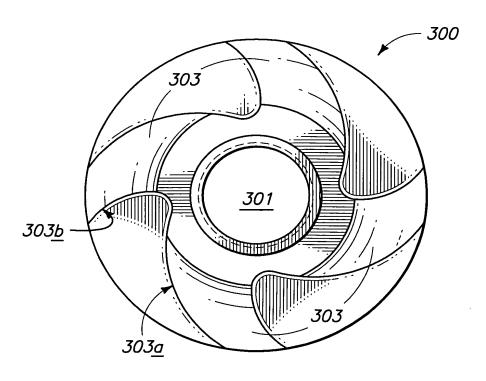




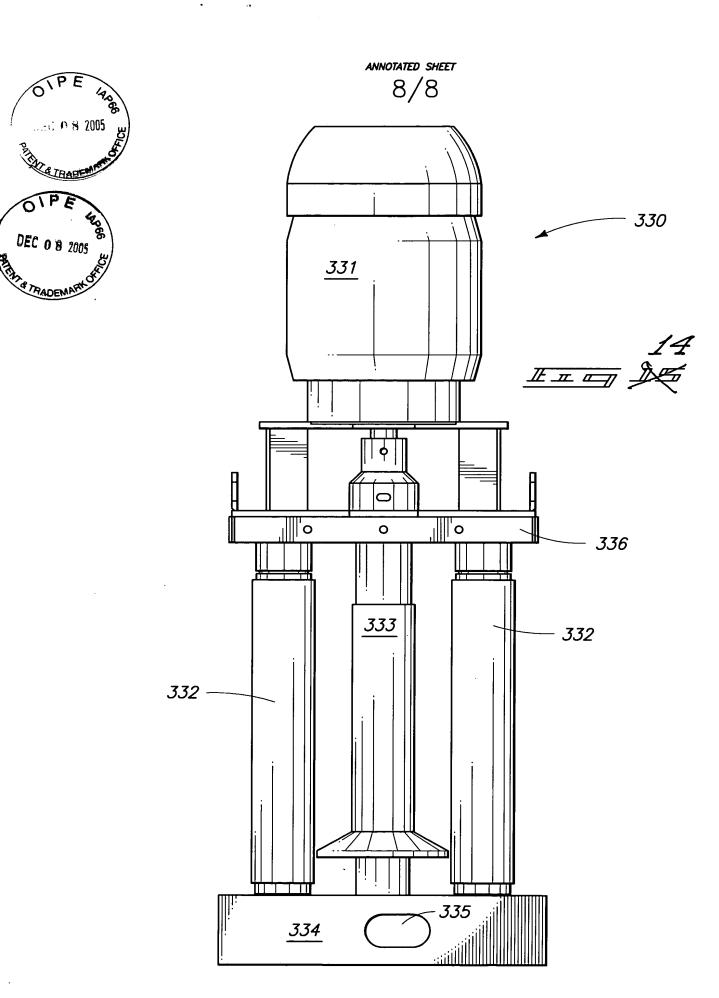
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TRADEMART	Inventor	•••••	Py	rotek, Inc.
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PY2-023 (MWH) Pyrotek, Inc.

The stamp of the U.S. Patent and Traditional Effice acknowledges receipt of the following papers relating to the Patent application (English E. Gibert et al., Serial No. 10/047,198; filed October 26, 2001, entitled "Molton Metal Page Particle Passage System".

- 1. Return Receipt Postcard
- Transmittal Form 2.
- 3. A \$84.00 check
- Fee Transmittal (in duplicate for fee processing) 4.
- **Preliminary Amendment** 5.
- Supp. IDS w/PTO-1449 and copies of cited art references



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FOR	M	First Named Inventor	Ronald E. Gilbert		
(to be used for all corresponde	nce after initial filing)	Group Art Unit	3745		
		Examiner Name	Patricia Faison-Ball		
Total Number of Pages in This	Submission	Attorney Docket Number	er PY2-023		
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X Fee Transmittal Form X Fee Attached Preliminary Amendment / **Hesponse** After Final Affidavits/declaration Extension of Time Request Express Abandonment Rec X Information Disclosure Stat Certified Copy of Priority Document(s) Response to Missing Parts Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing Licensin Petition and Acc Provisio Change Address Termina Small E ement Reques Remarks	Routing Slip (PTO/SB/69) companying Petition to Convert to a nal Application of Attorney, Revocation of Correspondence	After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter X Additional Enclosure(s) (please identify below): Return Receipt Postcard. A \$84.00 Check PTO-1449 and copies of cited art references		
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Fim or Individual name Mark W. Hendricksen, Reg. No. 32,356 Wells St. John P.S. Signature 1-2-24					
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I hereby certify that this correspondence is being deposited with the United States Pestal Service as first class mail in an envelope addressed to: Assistant Commissioner for Pate 15, Washington, D.C. 20231 on this date:					
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PY2-023 (MWH) Pyrotek, Inc.

1-2-04

The stamp of the U.S. Patent and Trademark Office acknowledges receipt of the following papers relating to the Patent application of Ronald E. Gilbert et al., Serial No. 10/047,198, filed October 26, 2001, entitled "Molten Metal Pump Particle Passage System".

- Return Receipt Postcard
- 2. Transmittal Form
- A \$84.00 check
- Fee Transmittal (in duplicate for fee processing)
- 5. **Preliminary Amendment**
- Supp. IDS w/PTO-1449 and copies of cited art references

PTC/SB/17 (12/99)

Approved for use through 09/30/2000. OMB 0651-0032

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See 37 C.F.R. §§ 1.27 and 1.28.

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Application Number	10/047,198				
Filing Date	October 26, 2001				
First Named Inventor	Ronald E. Gilbert				
Examiner Name	Patricia Faison-Ball				
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Ronald E. Gilbert et al. inventors:

Title:

MOLTEN METAL PUMP PARTICLE PASSAGE SYSTEM

Assignee:

Pyrotek, Inc.

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

REMARKS

The citations listed, copies attached, may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. Examiner is requested to make these citations of official record in this application. No admission is made regarding whether all the submitted references are prior art.

The materials cited are presented to assist in and expedite examination of this application. The present invention is considered to be patentable over the cited materials. Expeditious examination and allowance of this application as a patent are therefore urged in order that the public may benefit from the disclosure and commercialization of the invention.

Respectfully submitted,

Inventor: Ronald E. Gilbert

Inventor:_

Mark A. Palmer

Attorney: Ma

Mark W. Hendricksen

Reg. No. 32,356

IAP66

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. PY2-023 SERIAL NO.

LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

APPLICANT Pyrotek, Inc.

FILING DATE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No	
	October 26, 2001
	Gilbert et al.
Assignee	Pyrotek, Inc.
Group Art Unit	3745
Examiner	Patricia Faison-Ball
Attorney's Docket No	PY2-023
	Molten Metal Pump Particle Passage System

DEC 0 8 2005

PRELIMINARY AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

VIA EXPRESS MAIL

From: Mark W. Hendricksen (Tel. 509-624-4276; Fax 509-838-3424)

Wells St. John P.S.

601 West First Avenue, Suite 1300

Spokane, WA 99201-3828

Please enter the following amendments prior to examining the aboveidentified application.

<u>AMENDMENTS</u>

In the Claims

Claim 1 (original) A molten metal pump system comprising:

- a pump framework;
- a pump motor mounted on the pump framework;
- a pump base attached to the pump framework, the pump base including an impeller aperture with interior walls;

an impeller shaft attached to the pump motor;

- an impeller body attached to the impeller shaft and at least partially within the impeller aperture in the pump base, the impeller body comprising:

 a center portion with a shaft aperture therein;
 - a plurality of vanes extending outward from the center portion, each vane including a radially outward end, an input side, and an output side; and
- wherein a particle relief passageway is defined between the radially outward end of the plurality of vanes on the impeller and the interior walls of the impeller aperture, the particle relief passageway being a predetermined size to allow particles of a predetermined size to pass between the plurality of vanes and the interior walls of the impeller aperture of the pump base.
- Claim 2 (original) A molten metal pump system as recited in claim 1, and further wherein the impeller body is wholly within the impeller aperture in the pump base.

Claim 3 (original) A molten metal pump system comprising:

a pump framework;

a pump motor mounted on the pump framework;

a pump base attached to the pump framework, the pump base including an impeller aperture with interior walls;

(.·

an impeller shaft attached to the pump motor;

- an impeller body attached to the impeller shaft and at least partially within the impeller aperture in the pump base, the impeller body comprising: a center portion with a shaft aperture therein;
 - a plurality of vanes extending outward from the center portion, each vane including a radially inward end, a radially outward end, an input side, an output side, a leading surface, a trailing surface, a vane width between the leading surface and the trailing surface; the plurality of vanes being tapered at the input side from the radially inward end to the radially outward end, thereby creating a shoulder on the radially outward end of the plurality of vanes; and

wherein a predetermined particle relief passageway is defined between the plurality of vanes on the impeller, the predetermined partial relief passageway being sized to allow particles of a predetermined size to pass between the plurality of vanes and the interior walls of the impeller aperture of the pump base.

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Claim 4 (original) A molten metal pump system as recited in claim 3, and further wherein the impeller body is wholly within the impeller aperture in the pump base.

Claim 5 (new) A molten metal pump impeller system comprising: an impeller body comprising:

- a center portion with a shaft aperture therein;
- a plurality of vanes extending outward from the center portion, each vane including a radially inward end, a radially outward end, an input side, an output side, a leading surface, a trailing surface, a vane width between the leading surface and the trailing surface; and
- wherein the vane width is tapered from the input side to the output side.
- Claim 6 (new) A molten metal pump impeller system as recited in claim 5, and further comprising an annular base at the output side of the plurality of vanes.
- Claim 7 (new) A molten metal pump impeller system as recited in claim 6, and further wherein the entire vane width is tapered from the input side to the annular base.

Claim 8 (new) A molten metal pump impeller system as recited in claim 5, and further wherein the input side is the vertically upward side.

. 1.

- Claim 9 (new) A molten metal pump impeller system as recited in claim 5, and further wherein the plurality of vanes are tapered at the input side from the radially inward end to the radially outward end, thereby creating a shoulder on the radially outward end of the plurality of vanes.
- Claim 10 (new) A molten metal pump impeller system as recited in claim 5, and further wherein the leading surface is convex.

Claim 11 (new) A molten metal pump impeller system comprising: an impeller body comprising:

- a center portion with a shaft aperture therein;
- a plurality of vanes extending outward from the center portion, each vane including a radially inward end, a radially outward end, an input side, an output side, a leading surface, a trailing surface, a vane width between the leading surface and the trailing surface; and

wherein the leading surface is convex.

- Claim 12 (new) A molten metal pump impeller system as recited in claim 11, and further comprising an annular base at the output side of the plurality of vanes.
- Claim 13 (new) A molten metal pump impeller system as recited in claim 12, and further wherein the entire vane width is tapered from the input side to the annular base.
- Claim 14 (new) A molten metal pump impeller system as recited in claim 11, and further wherein the input side is the vertically upward side.
- Claim 15 (new) A molten metal pump impeller system as recited in claim 11, and further wherein the plurality of vanes are tapered at the input side from the radially inward end to the radially outward end, thereby creating a shoulder on the radially outward end of the plurality of vanes.

REMARKS

Claims 5-15 are added. Claims 1-15 are in the application for consideration.

Applicant is hereby submitting the attached Preliminary Amendment to the application, along with a Supplemental Information Disclosure Statement for consideration by the Examiner. No new matter is added and there is complete support in the Specification for the additional claims.

This application is believed to be in immediate condition for allowance, and action to that end is requested.

Respectfully submitted,

Dated: <u>1-2-04</u>

Bv:

Mark W. Hendricksen

Reg. No. 32,356

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No	o
	October 26, 2001
	Gilbert et al.
•	Pyrotek, Inc.
Examiner	Patricia Faison-Ball
Attorney's Docket No	PY2-023
Title	Molten Metal Pump Particle Passage System

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References - See Attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. Copies of the cited art are attached hereto. No admission is made regarding whether all the submitted references are prior art.

This Supplemental Information Disclosure Statement is being filed within three months of the filing date of the application or before the mailing of a first Office Action on the merits, whichever occurs last. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. § 1.17(p) to Deposit Account No. 23-0925.

Respectfully submitted,

Dated: 1-3-04	By: Mrs, W I
	Mark W. Hendricksen
	Reg. No. 32,356

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY, DOCKET NO. PY2-023 SERIAL NO. 10/047,198

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

APPLICANT: Gilbert et al.

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*Examiner's Initials		Document Number	Date	Name	Name		Class Subclass		Filing Date If Appropriate	
	AA	5,470,201	11/28/95	Gilbert et al.						
	АВ	5,634,770	06/03/97	Gilbert et al.						
	AC	5,944,496	08/31/99	Cooper						
	AD	6,468,039 B1	10/22/02	Lehman					-	
	AE									
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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